

HTV SELF-REGULATING HEATING CABLE



nVent RAYCHEM HTV self-regulating heating cable is designed for freeze protection or process temperature maintenance of pipes and vessels up to 205°C continuously, with a maximum exposure temperature of 260°C. The HTV cable has a solid construction with a high power retention (HPR) heating core and pressure extruded electrical insulation. It is then integrated with a robust metallic braid and a chemically resistant fluoropolymer outer jacket.

FEATURES & BENEFITS

High power retention (HPR) heating core

Power retention: At least 95% after 10 years

Design life: 30 years or more depending on application

Simplified design in hazardous area: T3 and T2

Longer circuit lengths due to larger cross section conductors

Fast installation: cut-to-length, multiple overlaps allowed, meter markings, user-friendly connections kits

Safe and efficient in operation: no overheating, uniform pipe temperatures, energy saving technology

Reliable during long life: 10 year product warranty available, maintenance free

SPECIFICATIONS

Supply Voltage 190 – 277 V

Area Classification Non-Hazardous; Hazardous

Outer Jacket Material High Temperature Fluoropolymer

Ground Path Type Braid

Max Maintain or Continuous Exposure Temperature, Power On 205 °C

Max Intermittent Exposure Temperature, Power On/Off 260 °C

Max Cumulative Hours for Intermittent Exposure 2000 h

Table 1/1

| Catalog Number | Item Name | Nominal Power Output @ 10°C, 230V |
|----------------|-----------|-----------------------------------|
| P000004322 | 10HTV2-CT | 32 W/m |
| P000004323 | 12HTV2-CT | 38 W/m |
| P000004324 | 15HTV2-CT | 48 W/m |
| P000004325 | 20HTV2-CT | 64 W/m |
| P000004319 | 3HTV2-CT | 9 W/m |
| P000004320 | 5HTV2-CT | 16 W/m |
| P000004321 | 8HTV2-CT | 25 W/m |

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